Radio Astronomy Data-processing Inter Operability (RADIO) Workshop

Welcome and Introduction

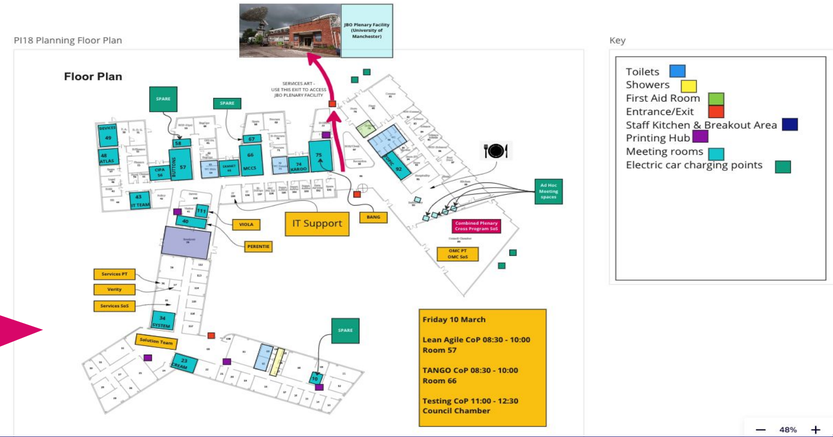
Health and Safety at SKAO HQ

- If the **Fire Alarm** sounds – **Evacuate** to the main **car park** and await further instruction, do not leave the site

  - No **Fire Alarm Drills** are planned at SKAO HQ this week

Assembly Point – Main SKAO Car Park

- For **First Aid** requirements, please contact reception
- **Rest rooms** are adjacent to the main reception desk
- **No smoking** inside or around the perimeter of the building
- **Mobile phones** can be used within the **SKAO HQ building only**, WiFi calling is preferred. Mobile phone usage outside of the building is **STRICTLY PROHIBITED**
- Use **SKAO HQ Floor Plan** to orient yourself (see following page)



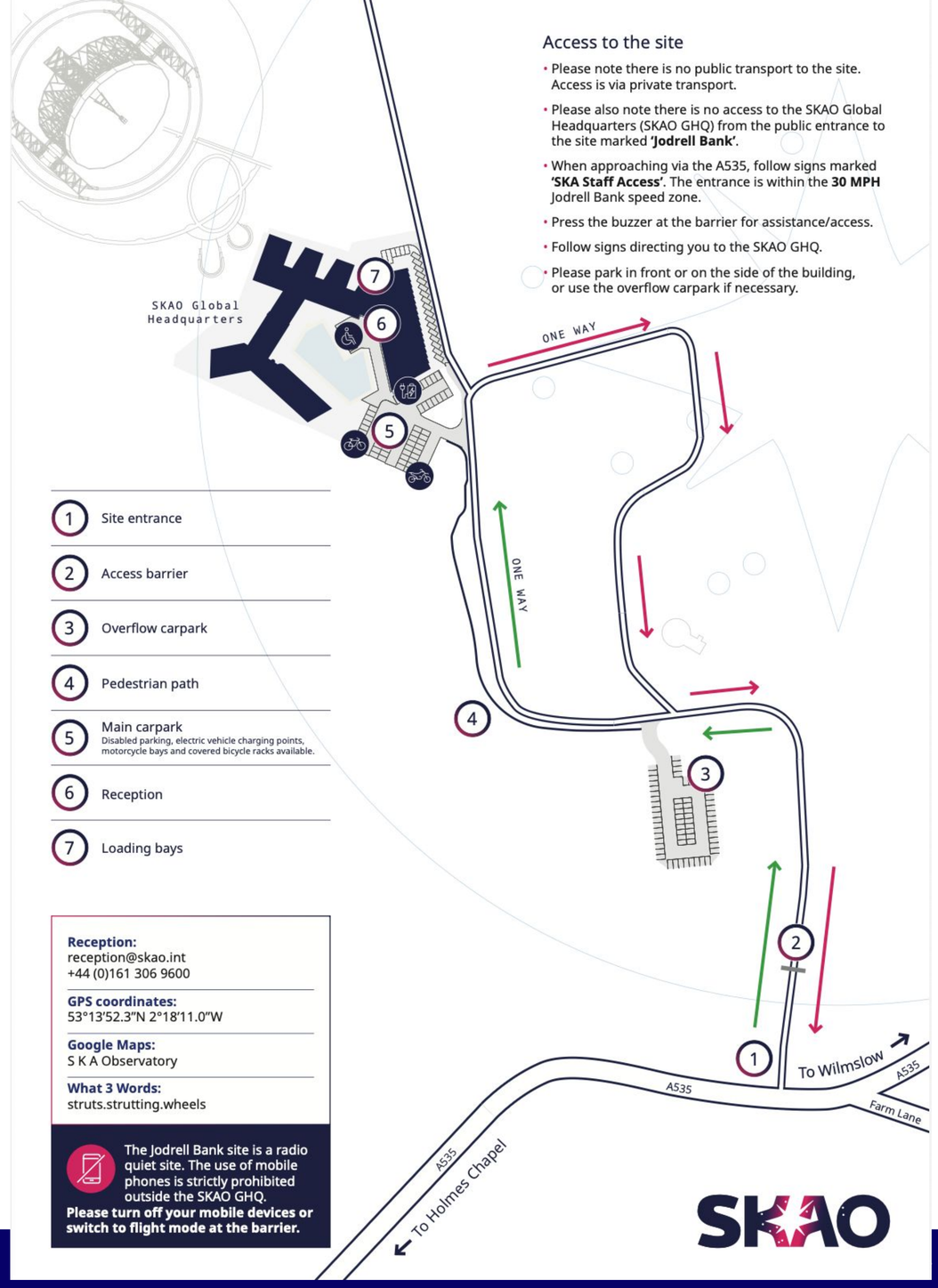
Floor Plan

Key

- Toilets
- Showers
- First Aid Room
- Entrance/Exit
- Staff Kitchen & Breakout Area
- Printing Hub
- Meeting rooms
- Electric car charging points

Other Essentials

- Site access as right
- Register with SwipedOn (in and out) every day.
- Lunch tokens are available for all visitors.
- Don’t wander about the building. Technically you should be accompanied.
- If you need help with taxis, please let reception know ASAP
- All sessions are subject to the SKAO Code of Ethics and Code of Conduct for Meetings



Introduction

History

Jeff and I have had a number of reviews where this sort of engagement has been recommended.

There was a series of related workshops held between 2005 and 2016 called the SKA Calibration and Imaging Workshop (CALIM) workshops

- The RADIO workshops are **NOT** the CALIM workshops
- This is about Observatories needing to solve immediate issues, not TRL level 1 forward looking research...

Workshop nature - limited audience, audience participation, honest assessment, Charter house rules.

Parking lot for parking ideas.

Goals of the workshops

- To improve the interoperability of large-scale radio-astronomy processing software
- Build closer relationships between the institutes that share this problem.
- Build a long lasting, resilient community - both in the observatories and the wider community - that is invested in this goal and contributes to this ambition.

This is a process, and this is the first workshop in this series. We expect it to grow - but this workshop is deliberately kept small.

Questions

What are the steps we have to do to make inter-operability possible?

- Governance
- Licensing
- Interfaces
- Environments
  - Definition/control of third party dependencies
- Priority
  - Both overall and to each institute
- Community engagement
- Funding and support

“Style” of this workshop

We want this to be true workshop.

It is old-fashioned, face to face, and slightly analogue.

Post-Its, flip charts, white boards and marker pens are available.

Additional break-out areas can be accommodated.

Of course, all modern tools are available too 🙂! If the latest AI model will help a discussion, please use it…

Chatham House Rule

We also want to encourage and ensure open communication. Hence we propose to loosely adopt the Chatham House Rule so that you can freely express your own opinion, even if it isn’t your employers opinion:

When a meeting, or part thereof, is held under the Chatham House Rule, participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed.

Goals of this workshop

- Decide what format future workshops should take
  - When and where is the next meeting?
  - Who should be invited?
- Define specific objectives for the next 6 months
  - (or whenever the next workshop is),
  - make actionable tasks for each organisation
- Define a longer term roadmap - potential aspirational.
  - Main area of focus.

We recognise and acknowledge the Indigenous peoples and cultures that have traditionally lived on the lands on which our facilities are located.

SKAO

www.skao.int